

Converting Colors

XYZ(16.2825, 15.3788, 22.3602)

Have a look what the booklet for
XYZ(16.2825, 15.3788, 22.3602)
contains.

XYZ(16.4191, 15.5132, 22.5510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.4191, 15.5132,
22.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	766980
RGB	118, 105, 128
RGB Percent	46%, 41%, 50%
CMY	0.5372, 0.5882, 0.4980
CMYK	0.08, 0.18, 0.00, 0.50
HSL	274°, 10%, 46%
HSV	274°, 18%, 50%
XYZ	16.4191, 15.5132, 22.5510
YIQ	111.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

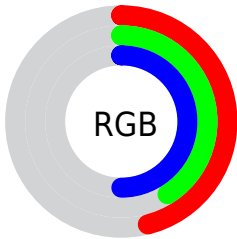
Format	Color
R_{YB}	118, 105, 128
Decimal	7760256
CIE Lab	46.33, 9.81, -10.87
CIE LCh	46, 14.637, 312.064
Yxy	15.5132, 0.3014, 0.2847
Android (android.graphics.Color)	4285950336 (0xFF766980)
YUV	111.5090, 8.1301, 5.6926
Hunter-Lab	39.3868, 5.4841, -6.3759

Details

The XYZ color **16.4191, 15.5132, 22.5510** is a dark color, and the websafe version is hex **666666**, and the color name is **mousy wisteria (fujinezumi)**. A complement of this color would be **17.3396, 20.1034, 16.3317**, and the grayscale version is **15.2348, 16.0282, 17.4547**.

A 20% lighter version of the original color is **36.8065, 35.6592, 48.6591**, and **5.4501, 4.8927, 8.0543** is the 20% darker color. If you saturate the color by 10%, you get **14.4788, 12.7214, 22.1146**, and if you desaturate by 10%, it is **18.6012, 18.7218, 23.0556**.

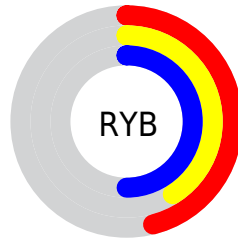
Distribution



Red (46%)

Green (41%)

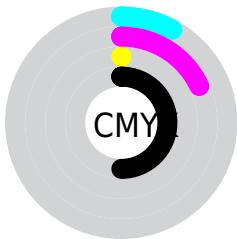
Blue (50%)



Red (46%)

Yellow (41%)

Blue (50%)

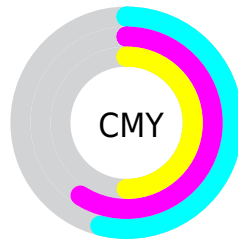


Cyan (8%)

Magenta (18%)

Yellow (0%)

Black (50%)



Cyan (54%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4191, 15.5132, 22.5510 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.4191, 15.5132, 22.5510 by changing the saturation by 10% instead.

■ 16.4191, 15.5132,
22.5510

■ 16.4191, 15.5132,
22.5510

225.0243,
226.4518, 278.4572

■ 9.9139, 9.1803,
14.0601

■ 36.8759, 35.7510,
48.5688

■ 5.4038, 4.8590,
8.0233

■ 51.5582, 50.4247,
66.9329

■ 2.5232, 2.1648,
4.0219

■ 69.6969, 68.6476,
89.4251

■ 0.9070, 0.7007,
1.6373

■ 91.6574, 90.8039,
116.4639

■ 0.0000, 0.0000,
0.3173

117.8050,
117.2781, 148.4681

■ 0.0000, 0.0000,
0.0000

148.5052,

148.4545, 185.8559

184.1231,
184.7176, 229.0461

■ 16.4191, 15.5132,
22.5510

■ 16.4191, 15.5132,
22.5510

■ 14.4788, 12.7214,
22.1146

■ 18.6012, 18.7218,
23.0556

■ 12.7693, 10.3265,
21.7425

■ 21.0327, 22.3621,
23.6300

■ 11.2811, 8.3101,
21.4317

■ 23.7224, 26.4504,
24.2774

■ 10.0029, 6.6513,
21.1789

■ 26.6783, 31.0019,
25.0001

■ 8.9229, 5.3270,
20.9802

■ 29.9082, 36.0307,
25.8006

■ 8.0274, 4.3118,
20.8314

■ 33.4195, 41.5507,
26.6810

■ 7.3011, 3.5758,
20.7277

■ 37.2190, 47.5749,
27.6435

■ 6.7087, 3.0503,
20.6574

■ 41.3137, 54.1160,
28.6902

■ 6.5949, 2.9497,
20.6440

■ 45.7101, 61.1861,
29.8232

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.2543, 15.5132, 24.5799



16.4191, 15.5132, 22.5510



17.1586, 15.5132, 19.1072

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.4191, 15.5132, 22.5510



15.4995, 15.5132, 11.1387



12.5114, 15.5132, 18.3752

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.4191, 15.5132, 22.5510



17.3396, 20.1034, 16.3317

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.5687, 15.5132, 14.8536



16.4191, 15.5132, 22.5510



14.2468, 15.5132, 11.0007

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.4191, 15.5132, 22.5510



16.6074, 15.5132, 12.6762



13.1884, 15.5132, 12.2678



13.0270, 15.5132, 21.9502

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.4191, 15.5132, 22.5510



17.2868, 15.5132, 16.6439



13.1884, 15.5132, 12.2678



12.4651, 15.5132, 17.1410

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.4196, 15.5139, 22.5513



33.9255, 34.7115, 40.8682



15.8932, 16.9038, 22.8474



7.8851, 8.0408, 9.5548



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.4196, 15.5139, 22.5513



27.3064, 24.9939, 39.3414



17.7750, 16.2213, 22.2219



4.3232, 4.3222, 5.4197



6.5408, 2.9256, 20.4699



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.0486, 15.9308, 18.3965



28.6830, 25.9043, 30.3327



16.1547, 19.4857, 16.5869



4.3994, 4.3729, 4.9075



9.5271, 4.8305, 4.0995



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4191, 15.5132, 22.5510 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.4191, 15.5132, 22.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4191, 15.5132, 22.5510

Background



This preview shows how black text looks on a background with the XYZ color 16.4191, 15.5132, 22.5510.



This preview shows how white text looks on a background with the XYZ color 16.4191, 15.5132,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.4191, 15.5132, 22.5510

Protanopia

15.3911, 15.5792, 23.6686

Deuteranopia

15.8361, 15.5186, 22.5828



Tritanopia

15.6125, 15.4893, 18.6899

Trichromacy



Original Color

16.4191, 15.5132, 22.5510

Protanomaly

15.8222, 15.6518, 23.3063

Deuteranomaly

15.9897, 15.4440, 22.5603

Tritanomaly

15.8803, 15.4460, 19.9137

Monochromacy



Original Color

16.4191, 15.5132, 22.5510

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6781, 15.8227, 19.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4191, 15.5132, 22.5510 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(118, 105, 128)` looks like.

```
.text, #text, p{  
    color:rgb(118, 105, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(118, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 105, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.4191, 15.5132, 22.5510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 105, 128) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(118, 105, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(118, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(118, 105,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4191, 15.5132, 22.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 105, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(118,  
105, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor